

ALASKA DEPARTMENT OF FISH AND GAME  
DIVISION OF SPORT FISH  
LAKE SURVEY SUMMARY

101-47-015  
101-47-0

LAKE Connell

USGS  
MAP REF. Ketchikan B-5, B-6 T \_\_\_\_\_ R \_\_\_\_\_ S \_\_\_\_\_ LAT. 55° 25' 57" N LONG. 131° 39' 43" W

LOC. 6 miles north of Ketchikan bearing 351° True SURF. ELEV. 254 (Spillway level)

1. SURF. ACRES 250 (Spillway level) MAX. DEPTH 115 ft. AVG. DEPTH app. 40 ft. ACRE FT. 10,000  
SHOAL AREA 20 % WATER COLOR Muskeg stain SECCHI READING \_\_\_\_\_  
AQUATIC VEGETATION Rooted plants virtually eliminated by drawdowns

2. FISH SPECIES: NATIVE 4 salmon (no kings) cottiods, stickle- INTRODUCED Eastern Brook 1931 & 32 U.S.F.S.  
back, cutthroat, rainbow, steelhead, dolly varden. Rainbow 1955 F.W.S.

3. FISHING HISTORY A rather popular trout fishery before impoundment, some coho, pink and sockeye  
salmon taken also. Fishery has declined since impoundment.

4. INVERTEBRATES Insect larvae, annelids, pea clams, scuds, etc. (Wilding, J.L. 1939)

5. INLETS Upper Ward Creek DISCHARGE Summer normal 10 cfs  
Perseverance Creek DISCHARGE Summer normal 5 cfs  
3 others unnamed DISCHARGE Summer normal total 5 cfs

BARRIERS None in upper Ward Creek when reservoir is full, others low flows and steep grades

6. OUTLETS Ward Creek DISCHARGE Summer normal 10 cfs  
DISCHARGE Annual average 157 cfs

BARRIERS 54 foot concrete dam, no fishway Occasionally 0

7. SPAWNING AREAS Adequate to good in inlets

8. WATERSHED TYPE Mostly steep forested area DRAINAGE AREA 18,180 ACRES

9. ACCESSIBILITY By road 8 miles from Ketchikan

10. ACCESS STATUS Tongass National Forest

11. USE SITE Parking area at road end FACILITIES Garbage can

12. OTHER USE Scenic, hiking, deer hunting

13. POLLUTION None except from recreational use of watershed

14. REMARKS Connell Lake in Ward Creek formerly (prior to 1950) supported good runs of pink,  
chum, sockeye and coho salmon; steelhead, cutthroat and dolly varden trout.  
With the advent of the impoundment, these have been seriously reduced to the  
point of a remenant. The area is still sport fished by a considerable number  
of anglers mainly because of the ease of access. C/ue has declined heavily.  
The area flooded was not cleared of forest making sport angling difficult.

BY Robert T. Baade

DATE 1960